FS2.60/9: 11/16

Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

For release April 27, 1962 ATLANTA 22, GEORGIA Vol. 11, No. 16

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 21, 1962

SALMONELLOSIS – Following the initial report of an unusual number of *Salmonella bartford* isolations by Dr. Joseph Preizler, Director, Bureau of Communicable Diseases, Wisconsin State Board of Health, information regarding *S. bartford* isolates was sought from other States. A total of 47 recent isolations of *S. bartford* was uncovered in nine States. This is a sharp increase in frequency for this rare salmonella type. (Of the 28,000 salmonella isolations obtained at CDC between 1947 and 1958, only 20 have been *S. bartford*).

Clinically the disease has been characterized by explosive, often bloody diarrhea with fever to 103° F. Many of the patients have required parenteral fluids. The patients range in age from 1 day to 65 years with a preponderance of children in the 2-10 year age group.

Recent isolates have been obtained in Wisconsin (18), Minnesota (13), Illinois (1), Ohio (3), New York (1), North Dakota (2), Iowa (1), Maine (5), Florida (1), and Pennsylvania (2).

Investigations are proceeding actively to uncover the possible underlying cause.

UNIVERSITY OF FLORIDA LIBRARIES MAY 1962

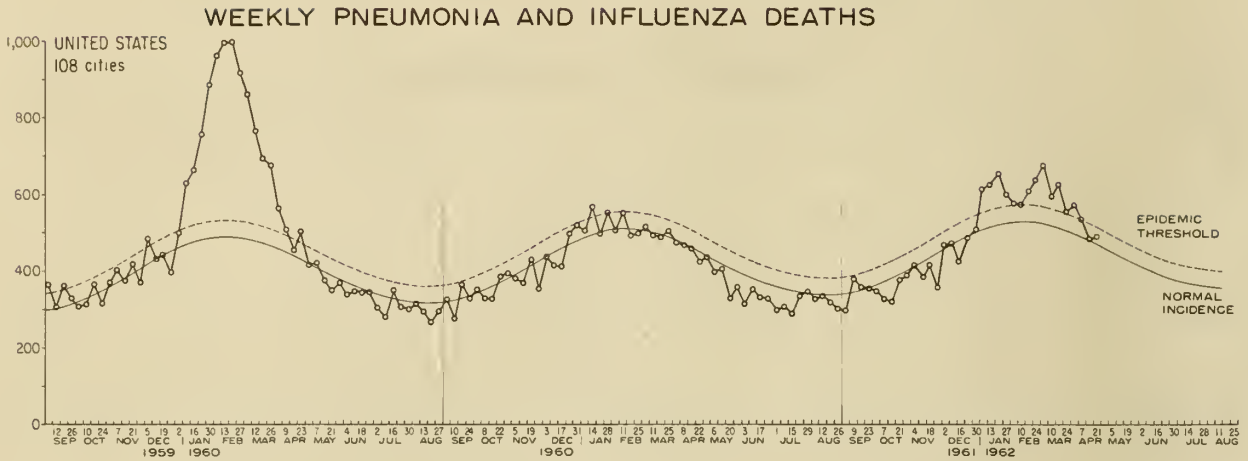
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

Disease	16th Week			Cumulative		
				First 16 weeks		
	Ended April 21, 1962	Ended April 22, 1961	Median 1957 - 1961	1962	1961	Median 1957 - 1961
Aseptic meningitis	28	28	---	291	389	---
Brucellosis	9	9	17	109	167	221
Diphtheria	11	8	11	160	229	250
Encephalitis, infectious	33	20	31	461	410	405
Hepatitis, infectious and serum	1,164	1,834	457	21,582	28,537	8,482
Measles	23,809	17,630	18,619	241,137	200,921	215,896
Meningococcal infections	52	46	46	811	798	900
Poliomyelitis, total	7	4	13	87	127	261
Paralytic	7	4	9	61	82	143
Nonparalytic	-	-	4	11	26	75
Unspecified	-	-	-	15	19	43
Streptococcal sore throat and Scarlet fever	7,514	8,238	---	138,933	150,540	---
Tetanus	4	---	---	39	---	---
Tularemia	1	---	---	80	---	---
Typhoid fever	5	14	12	121	153	162
Typhus fever, tick-borne, (Rocky Mountain spotted)	1	---	---	5	---	---
Rabies in Animals	115	79	81	1,334	1,124	1,342

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax: Penn. - 1
Botulism:
Malaria:
Plague:
Psittacosis: Mass. - 1
Rabies in Man:
Smallpox:
Typhus, murine: N.C. - 1, Tex. - 1


WEEKLY PNEUMONIA AND INFLUENZA DEATHS
UNITED STATES
108 cities
1,000
800
600
400
200
0
EPIDEMIC THRESHOLD
NORMAL INCIDENCE
SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG
1959 1960
1960
1961 1962

POLIOMYELITIS – Seven cases of paralytic poliomyelitis were reported for the week ending April 21. The 7 cases were reported from five States and represent the largest number reported in any one week since the week ending February 3.

Both New York and Texas accounted for two cases while Arkansas, Kentucky, and Louisiana each reported one case. A listing of the 7 cases is shown below:

Stote	County	Age	Sex	Onset	Voccinotion Stotus (Solk)
Arkonsos	Unknown	Unk.	Unk.	Unk.	Unk.
Kentucky	Hopkins	1	F	Morch 16	OV
Louisiono	Ouochito	9 mos.	M	April 5	OV
New York	Herkimer	36	M	April 7	OV
New York	N.Y. City	7	M	April 5	2V
Texos	Bexor	Unk.	Unk.	Unk.	Unk.
Texos	Midlond	10	M	April 5	OV

The case reported from Bexar County is the second this year; all other counties are reporting cases for the first time in 1962.

HEPATITIS – The 1,164 cases reported for the week ending April 21, 1962, represent little change from the 1,168 cases in the previous week. This is in contrast to the 1,834 cases reported for the comparable week (ending April 22) in 1961. The cumulative totals for the first 16 weeks of the year are shown below for 1959-1962 and for 1954.

	Hepotitis (Cumulotive Totols)				
	1962	1961	1960	1959	1954
Weeks 1-16	21,582	28,537	12,377	8,482	20,916

INFLUENZA – No outbreaks of influenza were reported this week. For the second successive week, deaths from influenza and pneumonia for 108 cities have remained within normal limits. It appears that Influenza B has run its course this season.

EPIDEMIOLOGICAL REPORTS

Strep. Faecalis Food Poisoning – Perry County, Kentucky

On Thursday, December 7, 1961, approximately 80 students and four school personnel of 114 persons developed cramps and diarrhea of 5-6 hours duration 9 hours following a turkey dinner. The causative organism was felt to be *Streptococcus faecalis.*

On the 114 persons interviewed, 84, or 74%, had a history of illness. The following is a tabulation of food histories collected during the investigation:

Food	ATE			DIDN'T EAT		
	No. Ill	Totol No.	Attock Rote	No. Ill	Totol No.	Attock Rote
Turkey	82	106	77%	2	8	25%
Dressing	66	84	78%	18	30	60%
Pototoes	64	86	74%	20	28	71%
Breod	43	62	69%	41	52	79%
Milk	56	76	74%	28	38	74%
Dessert	62	88	71%	22	26	85%

At 6:00 P.M. Sunday, December 3, 1961, turkeys were taken from the school cafeteria deep freeze and allowed to thaw in an unheated room until Monday morning. The turkeys did not completely thaw but were cut up and cooked in pressure cookers for 40 minutes. The turkey was deboned and placed in refrigerators about 10:00 A.M.

Tuesday. The meat was then taken from the refrigerator and placed in an oven to heat. It was served immediately after heating.

The summaries below of the results of laboratory analyses on food samples were collected in the school cafeteria on December 8, 1961.

It appears significant that, while samples of the raw frozen turkey and the dressing contain the average expected bacterial count, the cooked turkey contained a larger bacterial count. The majority of the organisms were enterococcus (*Strep. faecalis*). Anaerobic cultures were negative.

(Reported by J. Clifford Todd, M.P.H., State Epidemiologist, Bureau of Medical Services, and Bertrand W. Russell, Communicable Disease Investigator, Division of Preventive Medicine, Department of Health, Kentucky.)

Food Products	Total Bacterio Count Standard per grm	Total Coliform Count standard per grm	Staph	Strep Enterococcus Count per grm.	Enterics
Raw frozen Turkey	750	600	No growth	100	No growth
Dressing	600	1	No growth	No growth	No growth
Cooked Turkey	9300	1	No growth	2800	No growth

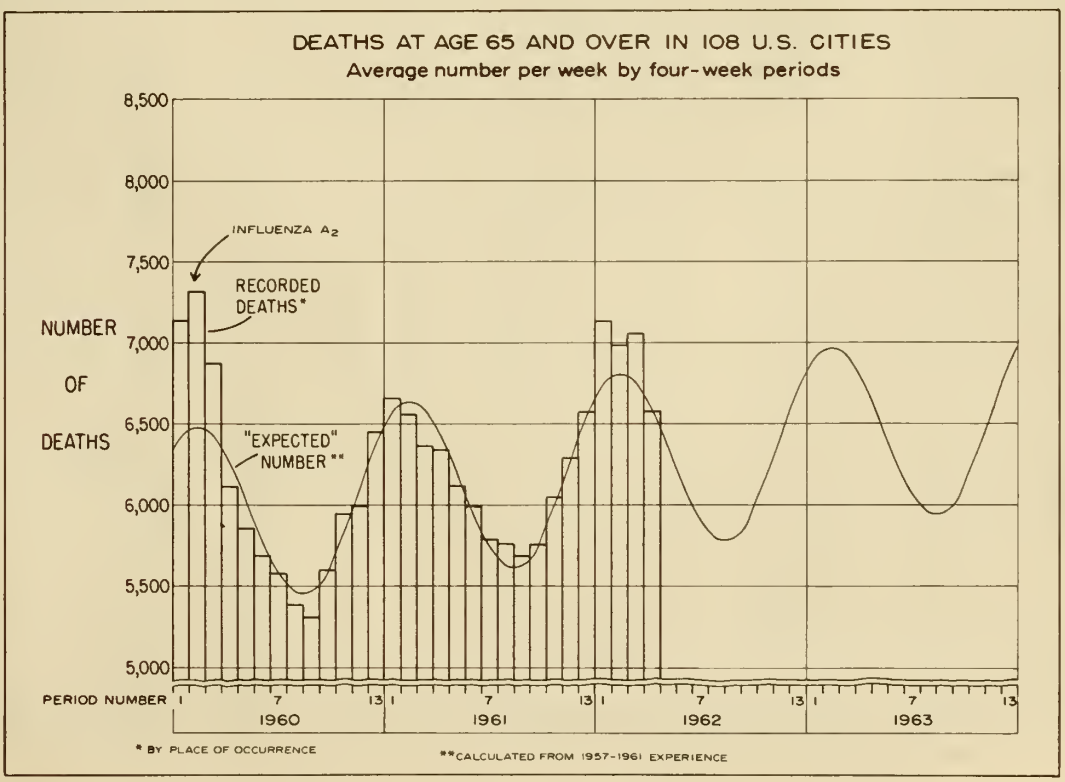
SUMMARY OF DEATHS AMONG PERSONS 65 YEARS AND OVER IN 108 U. S. CITIES

The number of deaths among persons 65 years and over reported by 108 U. S. cities declined during the fourth four-week period of this year to expected levels. This follows a twelve-week period during which weekly totals were in excess of the expected figures.

The decline to normal levels in the 1962 Influenza B epidemic has occurred, notably, during the same period as the decline following the 1960 A_2 influenza epidemic.

DEATHS 65 YEARS AND OVER RECORDED IN 108 UNITED STATES CITIES

	WEEK ENDING				4 week Total	Average
	3/31	4/7	4/14	4/21		
Observed	6,720	6,667	6,431	6,491	26,309	6,577
Expected	6,667	6,620	6,567	6,508	26,362	6,590
Excess	53	47	-136	-17	-53	-13



(See Table, page 127)

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
APRIL 22, 1961 AND APRIL 21, 1962

Area	Poliomyelitis, Total Cases				Poliomyelitis, Paralytic				Poliomyelitis, Nonparalytic		Aseptic Meningitis	
	16th week		Cumulative First 16 weeks		16th week		Cumulative First 16 weeks		16th week		16th week	
	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961	1962	1961
UNITED STATES	7	4	87	127	7	4	61	82	-	-	28	28
NEW ENGLAND	-	-	1	3	-	-	1	3	-	-	-	-
Maine	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	2	-	-	-	2	-	-	-	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut	-	-	1	1	-	-	1	1	-	-	-	-
MIDDLE ATLANTIC	2	2	31	11	2	2	18	10	-	-	1	-
New York	2	2	31	5	2	2	18	4	-	-	1	-
New Jersey	-	-	-	4	-	-	-	4	-	-	-	-
Pennsylvania	-	-	-	2	-	-	-	2	-	-	-	-
EAST NORTH CENTRAL	-	-	8	17	-	-	6	11	-	-	3	9
Ohio	-	-	4	8	-	-	4	4	-	-	-	1
Indiana	-	-	3	2	-	-	2	2	-	-	1	1
Illinois	-	-	1	3	-	-	-	3	-	-	1	5
Michigan	-	-	-	1	-	-	-	1	-	-	1	2
Wisconsin	-	-	-	3	-	-	-	1	-	-	-	-
WEST NORTH CENTRAL	-	-	6	4	-	-	3	3	-	-	1	1
Minnesota	-	-	1	1	-	-	1	1	-	-	1	1
Iowa	-	-	3	1	-	-	2	-	-	-	-	-
Missouri	-	-	2	-	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	2	-	-	-	2	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	-	-	6	13	-	-	5	9	-	-	1	-
Delaware	-	-	-	2	-	-	-	1	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	1	-	-	-	1	-	-	-	-	-
West Virginia	-	-	-	2	-	-	-	1	-	-	-	-
North Carolina	-	-	1	3	-	-	1	2	-	-	-	-
South Carolina	-	-	1	1	-	-	1	1	-	-	-	-
Georgia	-	-	1	2	-	-	1	2	-	-	-	-
Florida	-	-	2	3	-	-	1	2	-	-	1	-
EAST SOUTH CENTRAL	1	-	4	14	1	-	3	3	-	-	3	3
Kentucky	1	-	1	13	1	-	1	2	-	-	1	1
Tennessee	-	-	1	-	-	-	-	-	-	-	-	1
Alabama	-	-	-	-	-	-	-	-	-	-	-	1
Mississippi	-	-	2	1	-	-	2	1	-	-	2	-
WEST SOUTH CENTRAL	4	1	19	16	4	1	17	7	-	-	1	3
Arkansas	1	-	1	1	1	-	1	-	-	-	-	-
Louisiana	1	-	5	4	1	-	5	2	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	1	-
Texas	2	1	13	11	2	1	11	5	-	-	-	3
MOUNTAIN	-	-	5	16	-	-	3	10	-	-	1	2
Montana	-	-	2	1	-	-	1	1	-	-	-	-
Idaho	-	-	-	3	-	-	-	1	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	3	-	-	-	3	-	-	1	1
New Mexico	-	-	-	1	-	-	-	-	-	-	-	1
Arizona	-	-	2	2	-	-	2	1	-	-	-	-
Utah	-	-	1	6	-	-	-	4	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	-	1	7	33	-	1	5	26	-	-	17	10
Washington	-	1	-	2	-	1	-	2	-	-	1	1
Oregon	-	-	-	2	-	-	-	1	-	-	-	-
California	-	-	6	28	-	-	4	22	-	-	16	9
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	1	1	-	-	1	1	-	-	-	-
Puerto Rico	-	-	5	2	-	-	5	2	-	-	-	-

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
APRIL 22, 1961 AND APRIL 21, 1962 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, Infectious		Hepatitis, Infectious and serum				Measles	
							16th week					
	16th week	Cumulative 16 weeks	16th week	Cumulative 16 weeks	16th week		Under 20 yr.	20 & over	Total	Total	16th week	
	1962	1962	1962	1962	1962	1961	1962	1962	1962	1961	1962	1961
UNITED STATES	9	109	11	160	33	20	623	434	1,164	1,834	23,809	17,630
NEW ENGLAND	-	-	-	-	-	1	24	24	48	32	2,569	1,433
Maine	-	-	-	-	-	-	8	6	14	1	142	47
New Hampshire	-	-	-	-	-	-	1	2	3	3	10	123
Vermont	-	-	-	-	-	-	2	1	3	3	89	40
Massachusetts	-	-	-	-	-	-	10	12	22	8	1,318	711
Rhode Island	-	-	-	-	-	-	-	1	1	11	131	204
Connecticut	-	-	-	-	-	1	3	2	5	6	879	308
MIDDLE ATLANTIC	-	3	-	2	4	6	89	73	162	305	5,845	3,233
New York	-	1	-	2	3	2	40	49	89	125	3,021	1,151
New Jersey	-	-	-	-	-	4	16	12	28	53	2,460	853
Pennsylvania	-	2	-	-	1	-	33	12	45	127	364	1,229
EAST NORTH CENTRAL	1	29	-	5	4	1	152	140	304	400	2,962	5,360
Ohio	-	-	-	-	2	-	36	22	62	148	779	916
Indiana	-	2	-	2	-	-	47	28	79	73	279	361
Illinois	1	24	-	-	-	1	34	53	91	74	802	700
Michigan	-	1	-	3	2	-	32	29	61	103	852	1,445
Wisconsin	-	2	-	-	-	-	3	8	11	2	250	1,938
WEST NORTH CENTRAL	5	49	1	28	-	-	41	29	106	201	1,148	504
Minnesota	-	4	1	11	-	-	6	5	15	39	9	32
Iowa	3	26	-	1	-	-	10	7	19	64	995	196
Missouri	1	2	-	-	-	-	15	6	23	42	44	132
North Dakota	-	1	-	-	-	-	3	1	4	8	93	134
South Dakota	-	1	-	4	-	-	-	1	1	4	5	-
Nebraska	-	6	-	11	-	-	-	1	29	31	2	10
Kansas	1	9	-	1	-	-	7	8	15	13	NN	NN
SOUTH ATLANTIC	1	8	4	32	8	2	90	57	152	209	1,230	1,781
Delaware	-	-	-	-	-	-	2	1	3	6	7	53
Maryland	-	-	-	-	2	-	6	3	10	34	144	155
District of Columbia	-	-	-	1	2	-	3	-	3	5	26	43
Virginia	1	3	1	5	-	-	18	9	27	30	338	510
West Virginia	-	-	-	1	-	-	22	1	23	32	351	358
North Carolina	-	2	-	4	2	-	28	19	47	55	38	198
South Carolina	-	-	2	4	-	-	5	9	17	4	43	131
Georgia	-	2	-	4	-	-	2	-	2	9	21	38
Florida	-	1	1	13	2	2	4	15	20	34	262	295
EAST SOUTH CENTRAL	-	4	-	11	-	2	111	24	136	259	1,905	1,124
Kentucky	-	-	-	-	-	-	47	6	53	81	289	434
Tennessee	-	2	-	4	-	-	33	7	41	97	1,430	589
Alabama	-	1	-	3	-	-	14	6	20	44	91	47
Mississippi	-	1	-	4	-	2	17	5	22	37	95	54
WEST SOUTH CENTRAL	1	7	6	65	5	1	36	24	62	114	4,007	689
Arkansas	1	1	5	7	1	-	3	1	4	27	7	29
Louisiana	-	1	-	7	-	-	7	4	11	18	6	1
Oklahoma	-	-	-	3	-	-	1	-	1	18	120	16
Texas	-	5	1	48	4	1	25	19	46	51	3,874	643
MOUNTAIN	-	2	-	7	-	-	8	2	51	124	1,052	740
Montana	-	-	-	6	-	-	3	-	3	3	255	15
Idaho	-	-	-	-	-	-	-	-	13	3	34	46
Wyoming	-	-	-	-	-	-	1	1	2	3	20	6
Colorado	-	1	-	-	-	-	-	-	12	48	326	147
New Mexico	-	-	-	1	-	-	1	-	1	11	NN	NN
Arizona	-	-	-	-	-	-	-	-	14	29	329	481
Utah	-	1	-	-	-	-	3	1	4	27	88	39
Nevada	-	-	-	-	-	-	-	-	2	-	-	6
PACIFIC	1	7	-	10	12	7	72	61	143	190	3,091	2,766
Washington	-	-	-	-	1	-	14	6	22	24	895	309
Oregon	-	1	-	-	-	-	10	9	19	25	806	168
California	1	5	-	5	11	7	47	45	93	136	1,339	2,276
Alaska	-	1	-	5	-	-	-	-	7	4	22	9
Hawaii	-	-	-	-	-	-	1	1	2	1	29	4
Puerto Rico	-	-	-	14	-	-	11	4	15	12	66	16

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

APRIL 22, 1961 AND APRIL 21, 1962 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	16th wk.	Cumulative 16 weeks	16th week		16th wk.	16th wk.	16th wk.	16th wk.	Cumulative 16 weeks	16th week		Cumulative 16 weeks
	1962	1962	1962	1961	1962	1962	1962	1962	1962	1962	1961	1962
UNITED STATES....	52	811	7,514	8,238	4	1	1	5	121	115	79	1,334
NEW ENGLAND.....	4	55	437	683	-	-	-	-	3	-	-	-
Maine.....	1	7	11	33	-	-	-	-	1	-	-	-
New Hampshire.....	-	3	-	10	-	-	-	-	-	-	-	-
Vermont.....	-	2	38	52	-	-	-	-	-	-	-	-
Massachusetts.....	1	21	87	191	-	-	-	-	2	-	-	-
Rhode Island.....	-	4	42	94	-	-	-	-	-	-	-	-
Connecticut.....	2	18	259	303	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	3	118	444	748	-	-	-	2	15	6	2	35
New York.....	-	52	295	381	-	-	-	2	8	5	2	24
New Jersey.....	2	30	70	149	-	-	-	-	5	-	-	-
Pennsylvania.....	1	36	79	218	-	-	-	-	2	1	-	11
EAST NORTH CENTRAL..	11	173	847	1,134	2	-	-	-	17	34	11	257
Ohio.....	4	52	87	328	1	-	-	-	8	24	4	127
Indiana.....	2	18	120	205	1	-	-	-	1	7	1	91
Illinois.....	2	27	135	137	-	-	-	-	3	1	5	21
Michigan.....	3	64	214	261	-	-	-	-	3	1	1	10
Wisconsin.....	-	12	291	203	-	-	-	-	2	1	-	8
WEST NORTH CENTRAL..	4	39	211	291	-	-	-	-	6	31	12	383
Minnesota.....	1	7	25	5	-	-	-	-	-	3	1	68
Iowa.....	1	7	88	30	-	-	-	-	-	14	6	165
Missouri.....	-	9	1	50	-	-	-	-	5	6	4	64
North Dakota.....	1	3	38	131	-	-	-	-	-	1	-	30
South Dakota.....	-	1	-	2	-	-	-	-	-	4	-	47
Nebraska.....	1	6	-	2	-	-	-	-	1	3	-	8
Kansas.....	-	6	59	71	-	-	-	-	-	-	1	1
SOUTH ATLANTIC.....	5	131	645	623	1	1	-	-	17	11	12	109
Delaware.....	-	16	7	17	-	-	-	-	-	-	-	-
Maryland.....	-	5	30	23	-	-	-	-	2	-	-	1
Dist. of Columbia..	-	6	5	1	-	-	-	-	2	-	-	-
Virginia.....	1	25	183	202	-	1	-	-	4	4	9	54
West Virginia.....	-	9	153	178	-	-	-	-	1	3	3	34
North Carolina.....	1	36	16	33	-	-	-	-	-	-	-	-
South Carolina.....	3	9	104	22	-	-	-	-	1	-	-	-
Georgia.....	-	6	-	3	-	-	-	-	4	1	-	2
Florida.....	-	19	147	144	1	-	-	-	3	3	-	18
EAST SOUTH CENTRAL..	4	54	1,341	1,624	-	-	-	-	10	11	13	177
Kentucky.....	-	12	186	415	-	-	-	-	2	2	6	50
Tennessee.....	2	22	1,078	1,170	-	-	-	-	4	8	7	120
Alabama.....	1	11	15	8	-	-	-	-	4	1	-	7
Mississippi.....	1	9	62	31	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	5	78	692	910	1	-	1	2	39	18	19	276
Arkansas.....	-	9	2	4	-	-	1	1	5	1	6	38
Louisiana.....	3	33	2	3	-	-	-	-	11	1	1	11
Oklahoma.....	1	5	37	63	-	-	-	-	3	-	-	7
Texas.....	1	31	651	840	1	-	-	1	20	16	12	220
MOUNTAIN.....	2	23	1,336	1,452	-	-	-	-	6	-	-	12
Montana.....	-	3	45	34	-	-	-	-	1	-	-	-
Idaho.....	-	3	205	96	-	-	-	-	-	-	-	-
Wyoming.....	-	2	69	77	-	-	-	-	2	-	-	-
Colorado.....	-	4	424	525	-	-	-	-	-	-	-	-
New Mexico.....	-	-	307	329	-	-	-	-	2	-	-	6
Arizona.....	2	8	165	171	-	-	-	-	1	-	-	6
Utah.....	-	-	121	180	-	-	-	-	-	-	-	-
Nevada.....	-	3	-	40	-	-	-	-	-	-	-	-
PACIFIC.....	14	140	1,561	773	-	-	-	1	8	4	10	85
Washington.....	1	14	545	292	-	-	-	-	-	-	-	-
Oregon.....	-	13	40	55	-	-	-	-	-	-	-	-
California.....	13	108	944	369	-	-	-	1	8	4	10	85
Alaska.....	-	4	17	52	-	-	-	-	-	-	-	-
Hawaii.....	-	1	15	5	-	-	-	-	-	-	-	-
Puerto Rico.....	-	5	1	1	1	-	-	-	-	-	-	7

Table 4 (D). TOTAL DEATHS AMONG PERSONS 65 YEARS AND OVER IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.°

Area	For weeks ending			
	3/31	4/7	4/14	4/21
NEW ENGLAND:				
Boston, Mass.	145	153	156	136
Bridgeport, Conn.	28	27	26	18
Cambridge, Mass.	21	17	27	20
Fall River, Mass.	19	25	17	11
Hartford, Conn.	43	20	25	24
Lowell, Mass.	7	11	8	17
Lynn, Mass.	12	21	19	15
New Bedford, Mass.	27	11	17	14
New Haven, Conn.	27	35	16	23*
Providence, R.I.	41	39	37	43
Somerville, Mass.	11	7	10	10
Springfield, Mass.	34	40	21	28
Waterbury, Conn.	14	10	17	16
Worcester, Mass.	35	46	37	32
MIDDLE ATLANTIC:				
Albany, N.Y.	28	25	33	26
Allentown, Pa.	30	24	20	20
Buffalo, N.Y.	72	73	91	87
Camden, N.J.	36	20	22	22
Elizabeth, N.J.	12	14	20	10
Erie, Pa.	26	24	14	20
Jersey City, N.J.	35	41	49	40
Newark, N.J.	63	54	43	44
New York City, N.Y.	972	980	1,013	1,055
Paterson, N.J.	21	21	10	19
Philadelphia, Pa.	355	339	319	301
Pittsburgh, Pa.	142	163	64	115
Reading, Pa.	14	17	14	20
Rochester, N.Y.	90	68	101	79
Schenectady, N.Y.,	11	15	14	14
Scranton, Pa.	31	27	34	25
Syracuse, N.Y.	41	36	39	48
Trenton, N.J.	31	21	36	27
Utica, N.Y.	23	25	22	22*
Yonkers, N.Y.	20	27	18	19
EAST NORTH CENTRAL:				
Akron, Ohio	24	43	25	32
Canton, Ohio	25	23	21	28
Chicago, Ill.	424	362	395	376
Cincinnati, Ohio	81	102	81	95
Cleveland, Ohio	122	120	120	127
Columbus, Ohio	58	83	57	66
Dayton, Ohio	49	36	51	47*
Detroit, Mich.	194	194	194	205
Evansville, Ind.	31	23	24	22
Flint, Mich.	27	16	24	25
Fort Wayne, Ind.	23	16	34	22*
Gary, Ind.	20	18	14	20
Grand Rapids, Mich.	40	34	19	21
Indianapolis, Ind.	61	105	68	80
Madison, Wis.	13	21	23	17
Milwaukee, Wis.	66	77	56	66
Peoria, Ill.	13	13	13	19
Rockford, Ill.	15	14	22	14
South Bend, Ind.	15	24	32	19
Toledo, Ohio	68	71	77	56
Youngstown, Ohio	33	35	40	31
WEST NORTH CENTRAL:				
Des Moines, Iowa	37	38	39	41
Duluth, Minn.	13	12	10	10
Kansas City, Kans.	29	20	20	25
Kansas City, Mo.	87	89	88	68
Lincoln, Nebr.	13	29	12	17
Minneapolis, Minn.	71	69	82	62
Omaha, Nebr.	41	48	39	40
St. Louis, Mo.	135	155	120	144
St. Paul, Minn.	42	30	41	35
Wichita, Kans.	25	40	24	28
SOUTH ATLANTIC:				
Atlanta, Ga.	45	35	56	69
Baltimore, Md.	130	138	139	123
Charlotte, N.C.	11	11	15	17
Jacksonville, Fla.	18	39	34	28
Miami, Fla.	36	47	42	47
Norfolk, Va.	27	13	23	27
Richmond, Va.	56	34	42	48
Savannah, Ga.	15	14	19	17
St. Petersburg, Fla.	86	55	66	66
Tampa, Fla.	32	35	31	44
Washington, D.C.	104	87	105	80
Wilmington, Del.	21	15	13	15
EAST SOUTH CENTRAL:				
Birmingham, Ala.	38	42	44	57
Chattanooga, Tenn.	28	24	32	31*
Knoxville, Tenn.	13	18	6	19
Louisville, Ky.	61	109	54	91
Memphis, Tenn.	73	63	52	66
Mobile, Ala.	15	27	28	20
Montgomery, Ala.	15	15	19	9
Nashville, Tenn.	32	28	41	32
WEST SOUTH CENTRAL:				
Austin, Tex.	20	27	23	22
Baton Rouge, La.	14	16	14	11
Corpus Christi, Tex.	12	6	20	5
Dallas, Tex.	58	85	65	65
El Paso, Tex.	23	19	11	15
Fort Worth, Tex.	41	41	27	40
Houston, Tex.	109	85	63	62
Little Rock, Ark.	35	43	31	32
New Orleans, La.	93	78	80	70
Oklahoma City, Okla.	37	53	43	26
San Antonio, Tex.	60	55	68	55
Shreveport, La.	29	27	24	23
Tulsa, Okla.	21	43	37	17
MOUNTAIN:				
Albuquerque, N. Mex.	8	15	13	21
Colorado Springs, Colo.	15	7	20	5
Denver, Colo.	76	59	66	62
Ogden, Utah.	14	11	3	12
Phoenix, Ariz.	62	46	61	56
Pueblo, Colo.	7	7	8	6
Salt Lake City, Utah.	29	33	18	36
Tucson, Ariz.	24	26	28	27
PACIFIC:				
Berkeley, Calif.	17	4	13	11
Fresno, Calif.	33	18	19	30
Glendale, Calif.	26	30	29	27
Honolulu, Hawaii	19	21	21	9
Long Beach, Calif.	35	50	42	37
Los Angeles, Calif.	355	312	285	281
Oakland, Calif.	71	60	58	60
Pasadena, Calif.	25	23	28	26
Portland, Oreg.	61	90	62	78
Sacramento, Calif.	33	30	32	36
San Diego, Calif.	69	49	50	53
San Francisco, Calif.	86	110	102	116
San Jose, Calif.	24	19	18	23
Seattle, Wash.	102	64	99	112
Spokane, Wash.	36	33	29	39
Tacoma, Wash.	30	33	31	34
San Juan, P.R.	16	9	22	(---)

*Estimate - based on average percent of divisional total
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages..... 11,331
4(B) Pneumonia-Influenza Deaths, all ages..... 491
4(C) Total Deaths under 1 Year of Age..... 685
4(D) Total Deaths, Persons 65 years and over..... 6,491

UNIVERSITY OF FLORIDA
3 1262 08863 9553

UNIV. OF FL LIB.
DOCUMENTS DEPT.
U.S DEPOSITORY

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel – 1961 edition. Public Health Service Publication No. 384

Section 5

ASIA

Pakistan, page 47

The following information on smallpox vaccination for Pakistan supersedes the information in the booklet and in the Morbidity and Mortality Report, No. 12, dated March 30, 1962 – Smallpox vaccination required of all departing passengers. Period of validity for the certificate is 3 years. In the case of primary vaccination the certificate becomes valid on the 8th day and immediately on the date of a revaccination.

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.

Symbols: --- Data not available
- Quantity zero

Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta 22, Georgia.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta 22, Georgia

Official Business

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.